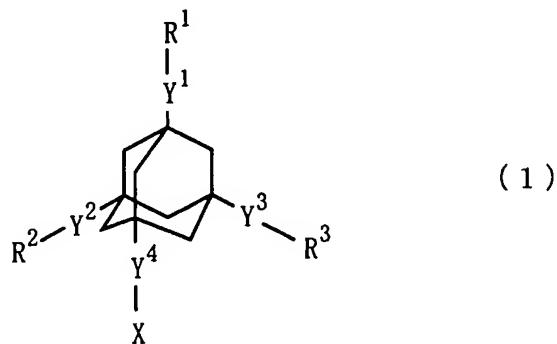


**AMENDED CLAIM SET:**

1. **(Currently Amended)** A material for dielectric films, which is a polymerizable composition comprising:

an adamantanopolycarboxylic acid derivative represented by following Formula (1):



wherein X is a hydrogen atom, a hydrocarbon group or  $R^4$  which is a carbonyl halide group or a carboxyl group which may be protected by a protecting group which is selected from an alkoxy group, a cycloalkyloxy group, a tetrahydrofuranyloxy group, tetrahydropyranyloxy group, an aryloxy group, an aralkyloxy group, a trialkylsilyloxy group, an amino group, a hydrazino group;  $R^1$ ,  $R^2$ , and  $R^3$  [and  $R^4$ ] may be the same as or different from one another and are each a carbonyl halide group or a carboxyl group which may be protected by a protecting group which is selected from an alkoxy group, a cycloalkyloxy group, a tetrahydrofuranyloxy group, tetrahydropyranyloxy group, an aryloxy group, an aralkyloxy group, a trialkylsilyloxy group, an amino group, a hydrazino group; and  $Y^1$ ,  $Y^2$ ,  $Y^3$  and  $Y^4$  may be the same as or different from one another and are each a single bond or a bivalent aromatic cyclic group, wherein at least one of  $R^1$ ,  $R^2$  and  $R^3$  is a carbonyl halide group or a protected carboxyl group when X is a hydrogen

atom or a hydrocarbon group, and at least one of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> is a carbonyl halide group or a protected carboxyl group when X is R<sup>4</sup>;

an aromatic polyamine derivative represented by following Formula (2):



wherein Ring Z is a monocyclic or polycyclic aromatic ring; R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> and R<sup>8</sup> are each a substituent bound to Ring Z, R<sup>5</sup> and R<sup>6</sup> may be the same as or different from each other and are each an amino group which may be protected by a protecting group which is selected from an acyl group, an alkoxy carbonyl group, an aralkyloxy carbonyl group, an alkylidene group, a carbonyl group, an oxalyl group and a butane-2,3-diylidene group, and R<sup>7</sup> and R<sup>8</sup> may be the same as or different from each other and are each an amino group which may be protected by a protecting group which is selected from an acyl group, an alkoxy carbonyl group, an aralkyloxy carbonyl group, an alkylidene group, a carbonyl group, an oxalyl group, a butane-2,3-diylidene group, a hydroxyl group which may be protected by a protecting group which is selected from an alkyl group, a cycloalkyl group, an aralkyl group, a substituted methyl group, a substituted ethyl group, an acyl group, an alkoxy carbonyl group, an aralkyloxy carbonyl group, or a mercapto group which may be protected by a protecting group which is selected from an alkyl group, a cycloalkyl group, an aralkyl group, a substituted methyl group, a substituted ethyl group, an acyl group, an alkoxy carbonyl group, an aralkyloxy carbonyl group, wherein at least one of R<sup>7</sup>

and R<sup>8</sup> is a protected amino group, a protected hydroxyl group or a protected mercapto group

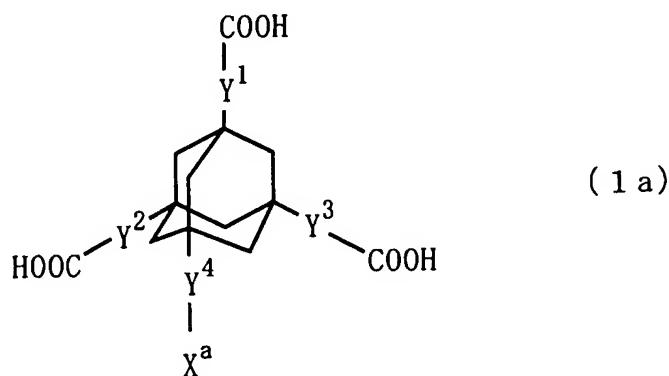
when R<sup>5</sup> and R<sup>6</sup> are both unprotected amino groups; and

an organic solvent,

the adamantanepolycarboxylic acid derivative and the aromatic polyamine derivative  
being dissolved in the organic solvent.

2. (Currently Amended) A material for dielectric films, which is a polymerizable composition comprising:

an adamantanepolycarboxylic acid represented by following Formula (1a):



wherein X<sup>a</sup> is a hydrogen atom, a carboxyl group or a hydrocarbon group; and Y<sup>1</sup>, Y<sup>2</sup>, Y<sup>3</sup> and Y<sup>4</sup>  
may be the same as or different from one another and are each a single bond or a bivalent  
aromatic cyclic group;

an aromatic polyamine derivative represented by following Formula (2):



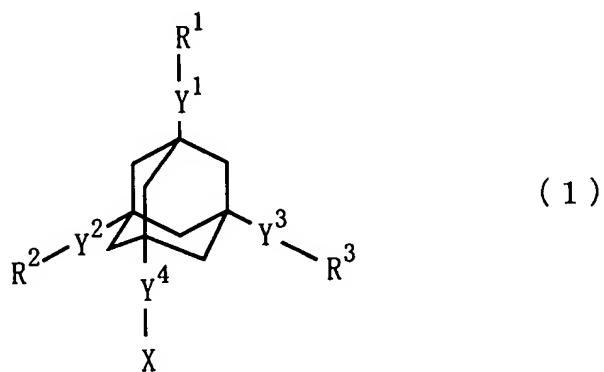
wherein Ring Z is a monocyclic or polycyclic aromatic ring; R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> and R<sup>8</sup> are each a substituent bound to Ring Z, R<sup>5</sup> and R<sup>6</sup> may be the same as or different from each other and are each an amino group which may be protected by a protecting group which is selected from an acyl group, an alkoxycarbonyl group, an aralkyloxycarbonyl group, an alkylidene group, a carbonyl group, an oxalyl group, a butane-2,3-diylidene group, and R<sup>7</sup> and R<sup>8</sup> may be the same as or different from each other and are each an amino group which may be protected by a protecting group which is selected from an acyl group, an alkoxycarbonyl group, an aralkyloxycarbonyl group, an alkylidene group, a carbonyl group, an oxalyl group, a butane-2,3-diylidene group, a hydroxyl group which may be protected by a protecting group which is selected from an alkyl group, a cycloalkyl group, an aralkyl group, a substituted methyl group, a substituted ethyl group, an acyl group, an alkoxycarbonyl group, an aralkyloxycarbonyl group, or a mercapto group which may be protected by a protecting group which is selected from an alkyl group, a cycloalkyl group, an aralkyl group, a substituted methyl group, a substituted ethyl group, an acyl group, an alkoxycarbonyl group, an aralkyloxycarbonyl group, wherein at least one of R<sup>7</sup> and R<sup>8</sup> is a protected amino group, a protected hydroxyl group or a protected mercapto group when R<sup>5</sup> and R<sup>6</sup> are both unprotected amino groups; and

an organic solvent,

the adamantanopolycarboxylic acid and the aromatic polyamine derivative being dissolved in the organic solvent.

3. (Currently Amended) A material for dielectric films, which is a polymerizable composition comprising:

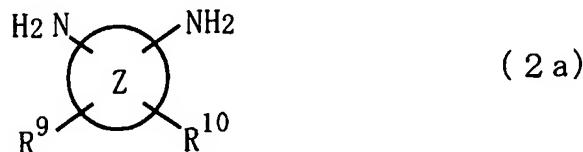
an adamantanopolycarboxylic acid derivative represented by following Formula (1):



wherein X is a hydrogen atom, a hydrocarbon group or  $R^4$  which is a carbonyl halide group or a carboxyl group which may be protected by a protecting group which is selected from an alkoxy group, a cycloalkyloxy group, a tetrahydrofuranyloxy group, tetrahydropyranyloxy group, an aryloxy group, an aralkyloxy group, a trialkylsilyloxy group, an amino group, a hydrazino group;  $R^1$ ,  $R^2$ , and  $R^3$  [and  $R^4$ ] may be the same as or different from one another and are each a carbonyl halide group or a carboxyl group which may be protected by a protecting group which is selected from an alkoxy group, a cycloalkyloxy group, a tetrahydrofuranyloxy group, tetrahydropyranyloxy group, an aryloxy group, an aralkyloxy group, a trialkylsilyloxy group, an amino group, a hydrazino group; and  $Y^1$ ,  $Y^2$ ,  $Y^3$  and  $Y^4$  may be the same as or different from one another and are each a single bond or a bivalent aromatic cyclic group, wherein at least one of

$R^1$ ,  $R^2$  and  $R^3$  is a carbonyl halide group or a protected carboxyl group when X is a hydrogen atom or a hydrocarbon group, and at least one of  $R^1$ ,  $R^2$ ,  $R^3$  and  $R^4$  is a carbonyl halide group or a protected carboxyl group when X is  $R^4$ ;

an aromatic polyamine represented by following Formula (2a):



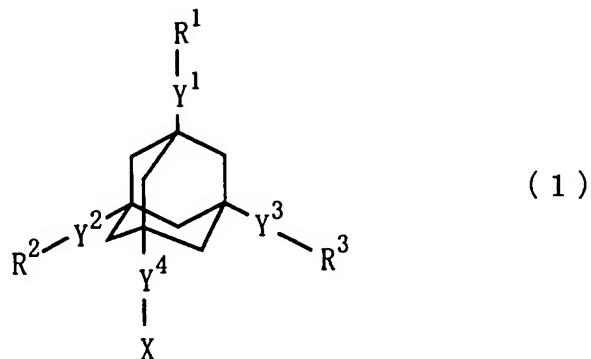
wherein Ring Z is a monocyclic or polycyclic aromatic ring; and  $R^9$  and  $R^{10}$  are each a substituent bound to Ring Z, may be the same as or different from each other and are each an amino group, a hydroxyl group or a mercapto group; and

an organic solvent,

the adamantane polycarboxylic acid derivative and the aromatic polyamine being dissolved in the organic solvent.

4. (Currently Amended) A polymer which is a polymerized product of:

an adamantane polycarboxylic acid derivative represented by following Formula (1):



wherein X is a hydrogen atom, a hydrocarbon group or R<sup>4</sup> which is a carbonyl halide group or a carboxyl group which may be protected by a protecting group which is selected from an alkoxy group, a cycloalkyloxy group, a tetrahydrofuranyloxy group, tetrahydropyranyloxy group, an aryloxy group, an aralkyloxy group, a trialkylsilyloxy group, an amino group, a hydrazino group; R<sup>1</sup>, R<sup>2</sup>, and R<sup>3</sup> [and R<sup>4</sup>] may be the same as or different from one another and are each a carbonyl halide group or a carboxyl group which may be protected by a protecting group which is selected from an alkoxy group, a cycloalkyloxy group, a tetrahydrofuranyloxy group, tetrahydropyranyloxy group, an aryloxy group, an aralkyloxy group, a trialkylsilyloxy group, an amino group, a hydrazino group; and Y<sup>1</sup>, Y<sup>2</sup>, Y<sup>3</sup> and Y<sup>4</sup> may be the same as or different from one another and are each a single bond or a bivalent aromatic cyclic group, wherein at least one of R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> is a carbonyl halide group or a protected carboxyl group when X is a hydrogen atom or a hydrocarbon group, and at least one of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> is a carbonyl halide group or a protected carboxyl group when X is R<sup>4</sup>; and

an aromatic polyamine derivative represented by following Formula (2):

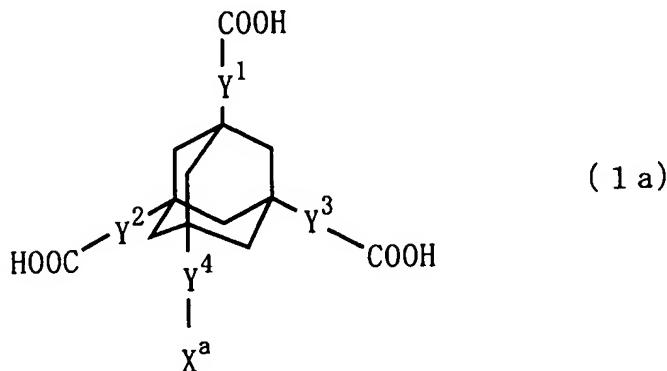


wherein Ring Z is a monocyclic or polycyclic aromatic ring; R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> and R<sup>8</sup> are each a substituent bound to Ring Z, R<sup>5</sup> and R<sup>6</sup> may be the same as or different from each other and are each an amino group which may be protected by a protecting group which is selected from an acyl group, an alkoxycarbonyl group, an aralkyloxy-carbonyl group, an alkylidene group, and R<sup>7</sup>

and R<sup>8</sup> may be the same as or different from each other and are each an amino group which may be protected by a protecting group which is selected from an acyl group, an alkoxycarbonyl group, an aralkyloxy-carbonyl group, an alkylidene group, a carbonyl group, an oxanyl group, a butane-2,3-diylidene group, a hydroxyl group which may be protected by a protecting group which is selected from an alkyl group, a cycloalkyl group, an aralkyl group, a substituted methyl group, a substituted ethyl group, an acyl group, an alkoxycarbonyl group, an aralkyloxycarbonyl group, or a mercapto group which may be protected by a protecting group which is selected from an alkyl group, a cycloalkyl group, an aralkyl group, a substituted methyl group, a substituted ethyl group, an acyl group, an alkoxycarbonyl group, an aralkyloxycarbonyl group, wherein at least one of R<sup>7</sup> and R<sup>8</sup> is a protected amino group, a protected hydroxyl group or a protected mercapto group when R<sup>5</sup> and R<sup>6</sup> are both unprotected amino groups.

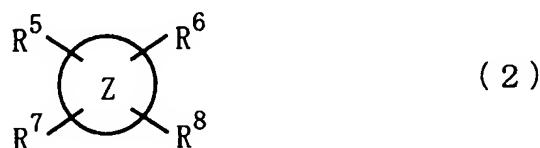
5. (Currently Amended) A polymer which is a polymerized product of:

an adamantanepolycarboxylic acid represented by following Formula (1a):



wherein X<sup>a</sup> is a hydrogen atom, a carboxyl group or a hydrocarbon group; and Y<sup>1</sup>, Y<sup>2</sup>, Y<sup>3</sup> and Y<sup>4</sup> may be the same as or different from one another and are each a single bond or a bivalent aromatic cyclic group; and

an aromatic polyamine derivative represented by following Formula (2):

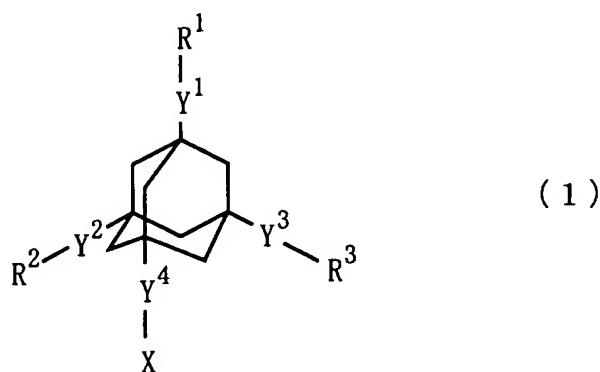


wherein Ring Z is a monocyclic or polycyclic aromatic ring; R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> and R<sup>8</sup> are each a substituent bound to Ring Z, R<sup>5</sup> and R<sup>6</sup> may be the same as or different from each other and are each an amino group which may be protected by a protecting group which is selected from an acyl group, an alkoxycarbonyl group, an aralkyloxycarbonyl group, an alkylidene group, a carbonyl group, an oxanyl group and a butane-2,3-diyliene group, and R<sup>7</sup> and R<sup>8</sup> may be the same as or different from each other and are each an amino group which may be protected by a protecting group which is selected from an acyl group, an alkoxycarbonyl group, an aralkyloxycarbonyl group, an alkylidene group, a carbonyl group, an oxanyl group, a butane-2,3-diyliene group, a hydroxyl group which may be protected by a protecting group which is selected from an alkyl group, a cycloalkyl group, an aralkyl group, a substituted methyl group, a substituted ethyl group, an acyl group, an alkoxycarbonyl group, an aralkyloxycarbonyl group, or a mercapto group which may be protected by a protecting group which is selected from an alkyl group, a cycloalkyl group, an aralkyl group, a substituted methyl group, a substituted ethyl group, an acyl group, an alkoxycarbonyl group, an aralkyloxycarbonyl group, wherein at least one of R<sup>7</sup>

and R<sup>8</sup> is a protected amino group, a protected hydroxyl group or a protected mercapto group when R<sup>5</sup> and R<sup>6</sup> are both unprotected amino groups.

**6. (Currently Amended)** A polymer which is a polymerized product of:

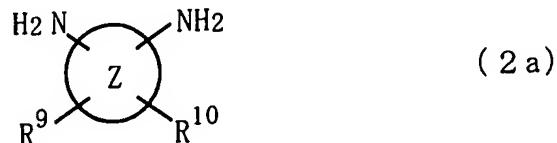
an adamantanopolycarboxylic acid derivative represented by following Formula (1):



wherein X is a hydrogen atom, a hydrocarbon group or R<sup>4</sup> which is a carbonyl halide group or a carboxyl group which may be protected by a protecting group which is selected from an alkoxy group, a cycloalkyloxy group, a tetrahydrofuranyloxy group, tetrahydropyranyloxy group, an aryloxy group, an aralkyloxy group, a trialkylsilyloxy group, an amino group, a hydrazino group; R<sup>1</sup>, R<sup>2</sup>, and R<sup>3</sup> [and R<sup>4</sup>] may be the same as or different from one another and are each a carbonyl halide group or a carboxyl group which may be protected by a protecting group which is selected from an alkoxy group, a cycloalkyloxy group, a tetrahydrofuranyloxy group, tetrahydropyranyloxy group, an aryloxy group, an aralkyloxy group, a trialkylsilyloxy group, an amino group, a hydrazino group; and Y<sup>1</sup>, Y<sup>2</sup>, Y<sup>3</sup> and Y<sup>4</sup> may be the same as or different from one another and are each a single bond or a bivalent aromatic cyclic group, wherein at least one of R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> is a carbonyl halide group or a protected carboxyl group when X is a hydrogen

atom or a hydrocarbon group, and at least one of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> is a carbonyl halide group or a protected carboxyl group when X is R<sup>4</sup>; and

an aromatic polyamine represented by following Formula (2a):



wherein Ring Z is a monocyclic or polycyclic aromatic ring; and R<sup>9</sup> and R<sup>10</sup> are each a substituent bound to Ring Z, may be the same as or different from each other and are each an amino group, a hydroxyl group or a mercapto group.

7. (Original) A dielectric film comprising the polymer as claimed in any one of claims 4 to 6.